

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20050122292").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 07:37
S2	0	("2005/0122292").URPN.	USPAT	OR	OFF	2006/08/17 15:29
S3	10	((("6330314") or ("6418323") or ("4006446") or ("6016038")).PN. or (2002/0070688).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:33
S4	2	("20020070688").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:31
S5	10	phone and led and rgb and fade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:36
S6	1	cellphone and led and rgb and fade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:37
S7	176	phone and led and color and fade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:37
S8	160	phone and led and color and fade and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:42
S9	12	("4965561" "5530322" "6018237" "6097352" "6252638" "6550949").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:44
S10	54	signal and cellphone and led and wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:48
S11	1748	led and (red and green and blue) and (phone or cellphone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:54

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S12	24	S11 and memory and sequencer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:49
S13	6	("5263195"   "5721783").PN. OR ("6418323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 15:54
S14	66	led and (red and green and blue) and (phone or cellphone) and memory and pwm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:54
S15	143	(led adj driver\$1) and sequencer and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 07:38
S16	260	"6016038"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 07:48
S17	0	","	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 07:48
S18	2	"6016038".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 08:01
S19	1451	dowling.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 08:01
S20	129	S19 and color.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 08:02
S21	103	S20 and led\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 08:33
S22	2	"6016038".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 08:33

## EAST Search History

S23	8	345/82.ccls. and "4096"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:33
S24	75	((camera adj flash) and LED ) and (cellphone or phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:33
S25	8	("20020077145"   "20020142798"   "20020160724"   "20030036365"   "20030040346"   "20030122957"   "6259457"   "D477581").PN. OR ("7003318").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 13:36
S26	199	led same multiplexer same ("9" or nine)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 13:38
S27	22	S26 and phone	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 13:37
S28	19	led\$1 same multiplexer same (("9" or nine) near7 (pins or lines or outputs))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 13:59
S29	26399	led\$1 same (array or matrix) and ("18" or "6x3")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 13:59
S30	10450	led\$1 near2 (array or matrix) and ("18" or "6x3")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 13:59
S31	9196	(led\$1 near2 (array )) and ("18" or "6x3")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 14:00
S32	0	(led\$1 near2 (array )) and ("6x3")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 14:06
S33	2	multiplexer adj arrangment	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 14:01
S34	37	345/82.ccls. and (multiplexer)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/18 14:07